

PAT-NO: JP401249521A

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TITLE: DRIVE CONTROL OPERATION DEVICE
FOR DRIVEN MEMBER
INSTALLED ON VEHICLE

PUBN-DATE: October 4, 1989

INVENTOR-INFORMATION:

NAME

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INT-CL (IPC): B60K017/28

US-CL-CURRENT: 180/318, 180/320

ABSTRACT:

PURPOSE: To finely and appropriately carry out drive control by controlling a driven member rotatably installed on a vehicle in such a way that the driven member is rotated at a constant speed in a middle or low speed range during normal mode operation while being rotated arbitrarily up to a high speed during high speed mode operation.

CONSTITUTION: An onboard driven member such as a mixer drum 2 on a concrete mixer truck or the like is driven by a hydraulic motor M which is controlled by a hydraulic pump P driven by a running engine E. The hydraulic pump P is remote-controlled by actuators 4 inside and outside of the truck. In this arrangement, a data processor 12 is installed on the truck. The data processor receives detection signals from rotational speed sensors 13, 15 for the mixer drum 2 and the running engine E, and delivers control signals to a servo-valve SV for the hydraulic pump P and an accelerator drive section 14 for the running engine E.

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